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Use of Pressurized Gases as Motor Vehicle Fuels

Sec. 14-103d-1. Identification of vehicles

Any vehicle within the state which carries any pressurized gas as its fuel in a tank attached to the vehicle in any concealed area, including but not limited to, trunks, compartments or under such vehicle pursuant to Public Act No. 83-317 shall have displayed on its exterior the words "Pressurized Flammable Gas" in block letters at least two inches high (50.8 mm), which letters shall be contrasting colors and shall be placed as near as possible to the area where the tank is located. In lieu of the above described lettering a vehicle which is required to be so identified may have permanently affixed to its exterior a reflectorized weather resistant sign which shall be horizontally oriented diamond the center height of which shall be two-thirds (2/3) of the centerline length and of sufficient size to accommodate block lettering of at least 50.8 mm (2 inches) and further described as follows:

(a) In the case of vehicles using compressed natural gas or liquified natural gas, in silver or white letters CNG centered on a blue background.

(b) In the case of any vehicle using any liquified petroleum gas, in white letters PROPANE centered on a black background.

(c) In the case of vehicles using pressurized flammable gas other than those provided for in either subsection (a) or subsection (b), in white letters PFG centered on a red background.

(d) In the event any such sign is affixed to a vehicle the color of which does not provide significant contrast between the vehicle color and the sign, the sign shall have a 6 mm (1/4 inch) border of the same color as the letters on the sign so as to provide ready recognition of the sign.

(e) (1) Each vehicle required to be identified pursuant to Public Act No. 83-317 shall have the required sign, label or placard affixed to either the body of the vehicle as near as is practicable to the filling connection or directly upon the fuel tank at the filling connection so as to be clearly legible when viewed at a distance of 7.6 meters (25 feet) perpendicular to the vehicle upon which it is displayed.

(2) Unless the sign, label or placard required pursuant to subdivision (1) of this section is located as hereinafter provided, each motor vehicle shall in addition to the identification required pursuant to subdivision (1) have an additional sign, label or placard affixed to the back of the vehicle, not including the bumper, within 76 cm (30 inches) of the license plate which shall be clearly legible when viewed at a distance of 7.6 meters (25 feet) directly to the rear of the motor vehicle on which it is displayed.

(Effective May 11, 1984)

Sec. 14-103d-2. Operation or parking of motor vehicles fueled by pressurized gases

(a) No motor vehicle using pressurized flammable gas as fuel for its engine shall enter or remain in, whether attended or unattended, any parking garage or other area within this state which is below grade level. For the purposes of this regulation an area shall be deemed to be below grade level when one or more sides at least in part is below the highest ground level surrounding an area enclosed by three or more sides.

(b) **Notice of prohibition.** Each area used for parking five or more motor vehicles, or for the operation or repair of motor vehicles which is below grade level as defined in subsection (a), whether it is open to the general public or not, shall have posted in a conspicuous place near the grade level entrance to such area, a notice of the

prohibition stated in subsection (a). Such notice shall be of sufficient size and contrast with its background if any, to be easily read by the operator of a motor vehicle approaching the entrance.

(Effective May 11, 1984)

Sec. 14-103d-3. Dispensing of fuel

No person shall dispense any pressurized flammable gas to any vehicle for use as fuel for its engine unless such motor vehicle is identified as required in Section 1.

(Effective May 11, 1984)

Sec. 14-103d-4. Fuel system standards

(a) The fuel system for any motor vehicle using a pressurized gas for its fuel shall comply with all applicable provisions of the most current National Fire Protection Association (NFPA) standard for the specific type of pressurized gas used as fuel.

(b) Notwithstanding the provisions of subsection (a), if a current NFPA standard exists which defines standards for the fuel system of a motor vehicle powered by a specified pressurized gas, such fuel system standards shall take precedence over those standards provided in subsection (a).

(c) NFPA standards as defined for purposes of this section include any additional standards specifically incorporated therein by reference.

(d) Nothing in this section shall be construed to relate to fuel composition or fuel quality, or to refueling stations.

(Adopted effective April 3, 2001)

Sec. 14-103d-5. Fuel storage containers

In addition to the requirements of Section 14-103d-4 of the Regulations of Connecticut State Agencies, each pressurized gas fuel storage tank or container for a vehicle using such pressurized gas for its fuel shall be installed so that the tank or container, any piping connected to such tank or container, and any associated fittings and valves, shall be protected by a shield designed to absorb impacts and protect such components from damage during loading, unloading, use, maintenance and storage of the vehicle. Such shield shall not have any edges or projections capable of damaging such components upon the absorption of impacts by such shield.

(Adopted effective April 3, 2001)

Sec. 14-103d-6. New vehicles

Any newly manufactured vehicle using a pressurized gas for its fuel and having a fuel system that is subject to a Federal Motor Vehicle Safety Standard (FMVSS) for the specific pressurized gas used as fuel in effect at the time of vehicle manufacture shall be exempt from any provision of Sections 14-103d-4 and 14-103d-5 that is in conflict with such FMVSS.

(Adopted effective April 3, 2001)